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THERMOPLASTIC RESIN COMPOSITION
TORAY IND INC

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Abstract:

PURPOSE: To obtain the title composition with permanent antistaticity, outstanding in impact resistance, molding processability, etc., also free from lamellar debonding, by blending each specified amount of specific polyetheresteramide, polycarbonate, modified vinyl polymer, etc.

CONSTITUTION: The objective composition can be obtained by blending (A) 1W50 pts.wt. of a polyetheresteramide containing 90W10wt.% of polyetherester unit, produced from A1: 6C-aminocarboxylic acid or lactam, etc., A2: poly(alkyleneoxide)glycol with a number-average molecular weight of 200W6,000 and A3: 4W20C dicarboxylic acid, (B) 1W50 pts.wt. of a polycarbonate resin, (C) 0.1W50 pts.wt. of a modified vinyl polymer containing at least one kind of functional group selected from carboxyl group, etc., and (D) 0W97 pts.wt. of a graft (co)polymer produced from D1: 1W80 pts. wt. of a rubbery polymer and D2: 99W20 pts.wt. of a monomer (mixture) comprising aromatic vinyl monomer and/or (meth)acrylic ester monomer, etc.